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user interface for TV channel selection



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1 [User interfaces for digital television: a navigator case study](#)



Leena Eronen, Petri Vuorimaa

May 2000 **Proceedings of the working conference on Advanced visual interfaces**

Publisher: ACM Press

Full text available: pdf(1.01 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Digital television user interfaces are composed of text, graphics and video. Usability issues that arise include information visualization, searching and navigation. This paper introduces two user interface prototypes for digital television. Both prototypes were tested with real users and the test results are discussed.

Keywords: digital television, navigation, prototypes, usability, user interfaces

2 [Multimodal interaction: research papers: The prospects for unrestricted speech input for TV content search](#)



Kent Wittenburg, Tom Lanning, Derek Schwenke, Hal Shubin, Anthony Vetro

May 2006 **Proceedings of the working conference on Advanced visual interfaces AVI '06**

Publisher: ACM Press

Full text available: pdf(344.54 KB)

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The need for effective search for television content is growing as the number of choices for TV viewing and/or recording explodes. In this paper we describe a preliminary prototype of a multimodal Speech-In List-Out (SILO) interface in which users' input is unrestricted by vocabulary or grammar. We report on usability testing with a sample of six users. The prototype enables search through video content metadata downloaded from an electronic program guide (EPG) service. Our setup for testing inc ...

Keywords: electronic program guides, information retrieval, multi-modal interfaces, speech interfaces, television interfaces

3 [The personal electronic program guide—towards the pre-selection of individual TV programs](#)



Michael Ehrmantraut, Theo Härder, Hartmut Wittig, Ralf Steinmetz

November 1996 **Proceedings of the fifth international conference on Information and knowledge management**

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User Profiling. Fig. 1. The system architecture for personalized **TV channel selection** ... whenever the **user profile** is modified. There are two types of ...

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TV. The purpose of the service **selection** API is to provide ... Rating) in both **user profiles**. EU. i. : i-th Attributes (Genre, **Channel**, Rating) in explicit ...

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As an example, Figure 1 shows such a **selection user** interface. It allows. users the **selection** of **TV channels**, e.g. to configure their **user profile** for a **TV** ...

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